FLORIDA SKIP

VOL. 35 NO. 3 THE ALL-FLORIDA AMATEUR RADIO PUBLICATION JANUARY 1993 75 Cents

Forrest Haynes, K4YPO mans the FLORIDA SKIP BOOTH at the West Palm Beach Hamfest in Oct. on Sunday. YPO plans on attending the Miami Hamboree in Feb. Thanks OM! AC

All I Want for Christmas

While it won't be available by the 25th, the serious builder may want to wait for a do-it-yourself kit — for cold fusion! Nippon Telegraph and Telephone said last month that it hopes its offering will "allow scientists to replicate experiments" conducted by company researcher Eiichi Yamaguchi, who claims to have achieved fusion at low temperatures.

Some scientists have serious doubts about Yamaguchi's claims, and about others who have declared their own successes.

NTT subsidiary Advanced Film Technology will be building the kits, which will include a vacuum chamber, a pump and special sensors. By the way, the product, which will be made to order for each sale, will cost $570,000 each. **Westlink Report**

THE WOM REVISITED... A MEMORY BREAKTHROUGH

Florida Skip Correspondent W4SME, in concert with Prof. W. Axson, W4SEC

A few years ago, it was thought that if you had 64K of memory in your PC you were pretty hot stuff. There was almost no end to the games that you could play and the programs that you could create. Talk with anyone today who spends much time at his PC and you will find among users of most 386 and 486 machines that 8 Megs is a reasonable amount of memory. In addition, the impact of CD Rom on the PC market has been virtually breathtaking! Software dmands are chewing up memory faster than you can ram SIMMS into the holders! With all the Windows applications and the onslaught of Clip Art no wonder we run out of memory! When will this trend end, I don't think anyone knows, BUT something is really being done about the problem. Today, as you know we have RAM and we have ROM and now we have a new breakthrough WOM! This is Write Only Memory!

WOM is quite simple in fact. You wonder, how does it work? It is a method that allows the PC to create synthetic memory without a functional limit when writing to memory! Isn't it true that what you are really after is the ability to write endless amounts of information into a system and really not have to worry about using up all your HiMem and Conventional memory. WOM allows you to do this instantaneously. No more Out Of Memory messages!

Although the theory of WOM was first published by F. Raud Publishing, of Ascent, CO. in it's June 1976 Edition of Digital Diathesis, credits must be given to Prof. Snow T. Hemm and Prof. Hardley E. Nuffe for their unpublished papers, later found and dates June 31, 1977. The inventor of the first operable device and person responsible for the remarkable breakthrough is my engineering associate, Assoc. Prof. Bill Axson, W4SEC of Citra, FL. Bill has been perfecting this device that does all the work since 1978 and has recently been able to provide me a prototype with which to experiment. Let me tell you, this is the berries. You just don't have to worry about buffers or printer delay or anything like that. After you slip the customized board into any 16 or 32 bit slot, connect up the Indicator Panel to the 9 pin RS-232 plug on the back. Place the Indicator on your desk or computer table next to your mouse, and incidentally, I found this to be most visible as the Indicator panel is 10x35 cm and slopes slightly backwards. In addition, I found this placement to be important as you want to be able to see the action of the leds on the Indicator while you are typing and also retrieving data. The WOM Indicator will remind you of the front panel of an MFJ 1270B, and a very nice addition to your PC hardware!

Now that you are all hooked up, the only remaining requirement is to be absolutely certain that you have all the software information that you intend to work with, and store in the WOM, in hierarchical configuration. Use of Dos Disk Manager [DM3]® in conjunction with C:|UTIL|DOSEDIT® are certainly recommended to elaborate the necessary Batch File and Config.Sys statements. If you merge software programs and combine such software as word processing (PCFile)® with database (DBFast)® and spreadsheet (Lotus)® , you must be sure that ALL the information is

QSY BACK PAGE

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DEADLINE: 8th of month in P.O. Box 501, Miami Springs, FL 33266.
(See Advertising Rates in Hambar Section)

SILENT KEYS

We are deeply sorry to report the passing of the following radio amateurs. If you know of any in your area kindly advise us.

K4QZ	Reggie Iverson	St. Petersburg
WB4P	John Pearce	North Palm Beach
W8KS	William Sidnell, 93	Port St. Lucie
K4AVP	Dick Struchko, 75	Lakeland
WB4FCL	Robert A. Garner, 87	Clearwater
KB4JGZ	Juan B. Ruiz-Cue	Miami
KB4KPU	Richard G. Jones	Sarasota
W4REQ	Lyman A Harrison	Fort Lauderdale
K4UE	Albert Gokey	San Antonio
KD7JD	Phillip Baker	Punta Gorda

SHORT EDITIORAL

ONE MORE YEAR .. GOSH HOW TIME FLYS WHEN YOU ARE HAVING FUN. VOL. 35, NO. 3. GEE IS IT TIME TO QUIT?

THE STAFF ANNE AND I WOULD LIKE TO WISH YOU ALL A VERY MERRY CHRISTMAS AND A HAPPY AND HEALTHY NEW YEAR.

DONT FOR GET TO SEND IN FOR YOUR 1993 HAM SHACK CALENDAR. WILL HAVE SOME AT THE MIAMI HAMBOREE TABLE IN FEBRUARY. STOP BY AND PICK ONE UP.

OUR SINCERE THANKS TO ALL OUR WONDERFUL ADVERTISERS AND SKIP CORRESPONDENTS. WITHOUT YOU, WE COULD NOT DO IT

GOD BLESS... Andy Clark

FCC PENALTIES REDUCED

By Florida Skip Correspondent Carl Zelich, AA4MI

ARRL Bulletin 110 From ARRL Headquarters, Newington, CT
November 25, 1992
To all radio amateurs

The FCC has reduced penalties against amateurs in two recent enforcement cases.

Allen Burton, KA4URC, had been issued a Notice of Apparent Liability for 2,000 dollars for "indecent speech" on the 20-meter band on June 29, 1992. Burton was given 30 days in which to appeal or pay the fine.

According to the FCC, Burton apologized for the incident and said he could not afford to pay the 2,000 dollar forfeiture. The Commission on November 23 announced that since federal law "directs the FCC to consider ability to pay when imposing monetary forfeitures," it was reducing the fine to 200 dollars.

"If in the future," the Commission told Burton, "you repeat the same violations, however, the FCC may impose a substantially higher monetary forfeiture."

In another case, Richard C. Bortner, KG5WS, of Zapata, Texas, in October was ordered to show cause why his license should not be revoked. Bortner had failed to respond to correspondence from the Commission in June and August of 1992, in which he was accused of fraud in the obtaining of his amateur license.

On November 10 the Commission withdrew the Order to Show Cause in view of on-going proceedings in the case. However, the termination "pertains only to the licensee's previous failure to reply to Commission correspondence," the FCC said, "and does not restrict the Field Operations Bureau from reasserting the original enforcement action against the licensee based on the underlying violation."

CB Gunfight Ends in Mistrial

A mistrial has been declared in the case of a Porterville, California CB operator on charges that he murdered another CBer!

Prosecutors allege that Claude Horner shot and killed 26 year-old Kenneth McGee after an on-the-air argument that took place over their CB rigs. Witnesses told the deadlocked jury that McGee routinely cursed and challenged others over his CB radio. The incident that left McGee dead took place in front of his home where he exchanged gunfire with Horner. Horner was also critically wounded, but survived to face the murder charge.

A new trial for Horner has been scheduled to begin on January 26th in Tulare County Superior Court. **Westlink Report**

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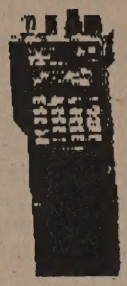
Eleventh Annual Hernando County Amateur Radio Association

HAMFEST



SATURDAY, FEBRUARY 27, 1993
Hernando County Fairgrounds
TWO LARGE INDOOR SWAP AREAS
EXPANDED TAILGATE AREA
DOORS OPEN AT 8:00 A.M.

Free Parking
OVERNIGHT PARKING PERMITTED
No Facilities

ADVANCE REGISTRATION	$ 4.00
AT THE DOOR	$ 5.00
SWAP TABLES	$ 10.00
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TALK IN ON: 146.115/.715 BROOKSVILLE REPEATER

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County Fairgrounds is located two miles south of Brooksville on U.S. Hwy 41

For Advance Tickets and Table Confirmations Send an S.A.S.E. To:

H.C.A.R.A.
Hamfest Chairman
205 N. Alpine Circle
Brooksville, Fl 34601

NAME _____

STREET _____

CITY _____ **STATE** _____ **ZIP** _____

_____ **Tickets @ 4.00** = $_____
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TOTAL DUE = $_____

For Additional Information:
Call Pat Brayton / WB4EXA
904/796-4840 -- After 7:00 P.M.

Ticket and Table requests received after 2-20-93 will be held at gate!

MAKE ALL CHECKS PAYABLE TO: H.C.A.R.A.
ALL VENDORS MUST HAVE AN ADMISSION TICKET!

FLORIDA C.W. NETS
By Ed, K4IA

QFN Reported by Rip, AA4HT: Business sure picked up on QFN in November. Both checkins and traffic increased substantially over October. It's great to have more of our regular snowbirds return to Florida to help us on QFN. W3QQ, Sid and AB4EA, Eric made their appearance recently and we sure welcome them back. Also nice to have several former QFN regulars checking in including WF4Y, N4KFU and others.

Those of you that did not make the hamfest in Tampa missed some very interesting meetins with a lot of good discussion. It was great to see a lot of you there that were able to make it. There was a super ragchew after the traffic handlers breakfast extolling the merits of CW traffic handling and why so many of us get addicted to it.

By the time you read this the heavy Christmas traffic workload on QFN should be winding down. Hopefully we will have learned something new to make next year's Christmas rush go even smoother. Thanks to all of you for your help during their period of heavy traffic.

Gator Net Manager, Dan, W4DL writes: Andy, W4IYT is taking his first vacation from ARPSC in many years to visit his sister and her husband in Orlando.

Dick, N2AOX is working to get his 1962 Mercedes 300 SE back in shape. It needs exhause valves.

George, K4JI went to his OSS reunion at Quantico and was taken through the FBI Training Facility and met many old friends.

Charlie, WA4EYU does his jogging three times a week in the morning, then has a gym session.

Dan, W4DL blew a small capacitor in his final that cost 75 cents when he built it. Now a substitute capacitor is 15 bucks!

Nae, W3CUL says only news is she baked 22 fruit cakes for friends in between schedules. Now it's Christmas cards, stamps and long lines at the Post Office.

Chris, N4EKC after a trip to Winter Haven returned home to find the old interference problem was back causing black outs on ham bands. It is salty ancient insulators, so again a fight with FPL.

FMSN reported by J.B., KC4ECA: Wow, our traffic in November was up 74% and that makes life interesting. Operators who showed up 85% of the time included: WC4D, AA4FG, WA9VND and W4WJK. Thanks go to N4IWO Don for handling NCS on Thanksgiving Day for Laura. Miss Laura deserves a day off. she is a busy traffic handler, going to 8 nets daily. A ham for 26 years, Laura uses a Kenwood TS-430S to a sloper up 40 feet. Your input is appreciated Laura. I would like to thank Ed, K4IA who stood in for me several times while I spent turkey day freezing in North Georgia.

There were enjoyable eyeball QSO's at the Tampa Hamfest with Bess N4UAV, Fred AA4FG, O.B. WC4D, Rip AA4HT, Phyl KA4FZI, Ed K4IA and many others. Please let the net know with a QNC when your favorite hamfest comes up, including times and talk in.

During the traffic session at Tampa there was a comment regarding net control stations and the length of time the net is directed (WND). We were reminded that the net remains directed until all traffic on and off frequency has been QSP, then it is QNF time and the QND should reflect this. That's it from Sarasota. Will look for you on 3651 KHz at 5:50 EST daily.

QFNS reported by Walt, WA4QXT: The stats for November: QNI 179, QTC 79, and QND 521. I would have preferred the net to have more checkins and more traffic. I guess that I should start at home and do it myself or, I could pass the buck. Maybe both. Are you confused yet? Well what I'm trying to say is bring traffic to QFNS and see if the totals will improve. How about sending your monthly SAR and PSHR messages to your SM, or STM as is the case in Northern Florida?

There were 15 different stations on the net during the month so if each would send 10 messages that would nearly double our traffic. So get out there and beat the bushes for more traffic. Also invite new people to join and learn traffic. We can use checkins from anywhere, also take traffic for everywhere that's legal.

Come join the fun on QFNS at 8:00 PM on 3715 KHz. That's in the Novice band so most any ham can check in.

— 73, Walt

As I write this on Nov. 7th NCS Bill, K4ZK on QFN Early had the usual number QNI - but with 61 messages. Going to 4RN was regular Monday rep K4SCL with volunteers KC4ECA, KA4FZI and WX4H. In addition to the regular RN5 rep N4XS, K4IA was the fourth additional Florida station moving holiday traffic out of Florida. So far the regional nets are accomodating us quite well.

At 10:00 PM, K4SCL lists QTC 28 from 4RN with N4XS reporting 4 from RN5. As Woody must have worked on EAN to get that total, it would appear likely he could have used some help at EAN and 4RN Late sessions. Therefore, if possible, those acting as alternates could QNI these nets and help distribute the load coming south.

Wishing you all enjoyable traffic filled Holidays.

— 73, Ed, K4IA

FLORIDA PHONE NETS

From DOC, W4SME, FPTN Net Manager... Well, did everybody have enough Turkey and Pumpkin Pie? Golly, I hope so, cause ya'll are going to need all that energy to get you through the next couple of busy months... I have got one thing you FPTN MEMBERS and TRAVELERS, turn in one heck of a job for November. My blue pencil was almost melted when I got through totin up the tally sheets. First off, you busted through the twelve hundred mark with 1273 checkins... terrific, and on top of that you tacked on an 18% gain over last months traffic... with 486 pieces and an average of 16.2 pieces per session... your message handling time dropped to a low of 2.06 minutes... what a great team we have!!! Congratulations everyone...

Now, we also have a new record for the Honor Roll with 13 checking in 100% of sessions... KO4DR, WA4EIC, K4EJW, NR2F, K2GNZ, WD4IVP, KB4MON, K4NKA, K4SJA, WA9VND, WB4WCX, WB4WYG and WB4ZVD!!... in the 90-97% bracket we recognize... KI4CQ, WD4DAH, WA4EYU, N4JAQ, WB4QJI, WA4RUE, W4SME, KI4VT... We also recognize the MEMBERS of the Net that for many reasons cannot be with us every morning... the school bus drivers, the public service people and the members of the teaching profession... our hat is off to you for your perserverence and your continued support.

We are sorry to learn that AA4CH will not be back on with us until he can find a new abode and we hope that will be soon... Dan, WB4TZR got back on after a long absence, but is still having some rig problems and we hope that he will be able to solve those shortly... Yours truly went to the TAMPA HAMFEST and it was a super get-together... sorry more of you could not have sat in on the Traffic Handlers meeting as well as the ARRL Forum... keep your eyes open for late breaking news from Newington as well as from W5YI and in *Florida Skip*...

Band conditions are really improving and the snap crackle and pop are beginning to be a thing of the past... so, this is a GREAT time for many of you to check into some of the other Florida Nets both during the day as well as the evening... all this will help you build your message handling ability as well

as to increase your STATION ACTIVITY REPORT... and speaking of the SAR... did YOU file one last month?... If you didn't YOU are dropping the ball when it comes to letting your SECTION MANAGER know what you and your station did!... DON'T FORGET... JUST "DO IT"...

Further, it will be almost 1993 when you get to read this column and you will be piling up the stats from the December traffic... please start the NEW YEAR with a resolution to send an SAR each month... While chatting with Santa the other day, he asked if I know who had earned the Golden Cookie Award for November and I was happy to inform him that RON, KC4VKT of Youngstown was the fortunate recipient and that Santa should reward him HANDSOMELY!!... Santa wouldn't tell me what he had in mind, but with the way Ron has been participating in NET operations Santa ought to at least consider a 10% raise in his 'pat-on-the-backs'!!!...

NR2F, Charlie has really locked onto an active daily routine with his Liaison work and his daily checkins to other nets... it sure makes this Ole Net Manager feel good when I know my MEMBERS are out there stirring the TRAFFIC POT... There's another one of our fraternity that makes himself known around the TRAFFIC NET circle, and thats our MASTER MARINER and PAST NET MANAGER, BILL, WB4WYG... and not to be forgotten is our own VERY THOUGHTFUL Laura... who never forgets a Birthday or Anniversary and is always ready to help out by cleaning out the Net Traffic listing when destination stations cannot be found.

I hope that I got your attention last month when I wrote my little article about "SPARKS"... Maybe, some of you guys and gals out there NEW to HAM RADIO will... in fact... give NET operation a try... We promise not to use "Q" signals which you don't understand and are not to be used on SSB and FM Nets anyway, further, we do promise to help you in every way become an "A-1" Amateur Radio Operator... Remember, FPTN meets DAILY at 1155 Coordinated Universal Time on or about a frequency on 3940 Khz... Come join the FPTN Family... That's 30 for now... SEASON'S GREETINGS TO ALL...

...es 73 & 88's... DOC, W4SME

From Mort, WX4H, Net Manager, FMTN... Florida Mid-Day Traffic Net meets daily at 1700UTC (1200 LOCAL) on 7247.5kHZ... Everyone is welcome to join the warmup that immediately preceeds the Net... Golly, a lot has sure taken place since my last writing so here goes with the rundown of the STUFF and NONSENSE!... The election is over as you know and I hope that your MAN won??!! — Everyone happy?? All of the roadsigns are now down and the streets and countrysides are looking a lot better!... Just heard that Donna and Frank, KC4VTH & KC4VHY of the Orlando area have moved to California. However, I do not know their destination... If any of you know their new address please let me know so that we can keep in touch. Both Donna and Frank were very active handling traffic in and about central Florida... NY1H, George of Pinellas Park along with VE2FMQ , who by the way is an old friend of KW1U of Concord, MA have been checking in on a pretty regular basis. Keep it up guys, we need the added interest and help!... Incidentally, W4NRT can handle traffic into Satsuma, FL... and by the way, if you didn't know, SATSUMA is a tangerine in many other parts of Florida!!!... Please, you Packeteers, check your boards daily and clean them up and kill the messages already read because our Node is becoming busier and busier... Traffic is already starting to become a volume item, and we need more checkins to help prevent traffic from piling up and getting stale... any of you that can take traffic to a CW Net, please let NCS know... this type of Liaison will really help... In addition, if a destination station isn't on freq for a particular piece of traffic, and you think you can take it to another SSB or FM Net to speed delivery, please let the NCS know... It is

PLAYGROUND AMATEUR RADIO CLUB PRESENTS
OUR 23rd ANNUAL

NORTH FLORIDA HAM/SWAPFEST

MARCH 20 & 21, 1993

AT THE FAIRGROUNDS, FORT WALTON BEACH, FLORIDA
SATURDAY 8:00 AM-5:00 PM & SUNDAY 8:00 AM-3:00 PM
FLEA MARKET - DEALERS - MEETINGS

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OR-call Jim-(904) 651-5362 or Freeman-(904) 581-5610 or 581-4699 for Tables. For RV space call Stan-(904) 243-8801.
We will not mail out flyers this year. Please help spread the word. TNX.

ADMISSION $4.00 AT THE DOOR ($3.00 ADVANCE PURCHASE).
LADIES AND ALL WHO ARE UNDER 16 YRS. ADMITTED FREE.

SEE YOU ALL IN FORT WALTON BEACH !!!!!!

really great to see so many checking in on a regular basis... WA4JVR, WA4QXT, NR2F,KC4VK, WA9VND, K4EUK, WB4QKI, WA4PFK, W4NRT, WX4J... THANKS and keep bringing that traffic!...

Until next month, keep well and 73... Mort, WX4H

TOP TWENTY TRAFFICERS - NOVEMBER 1992

by WA4PFK and WX4J

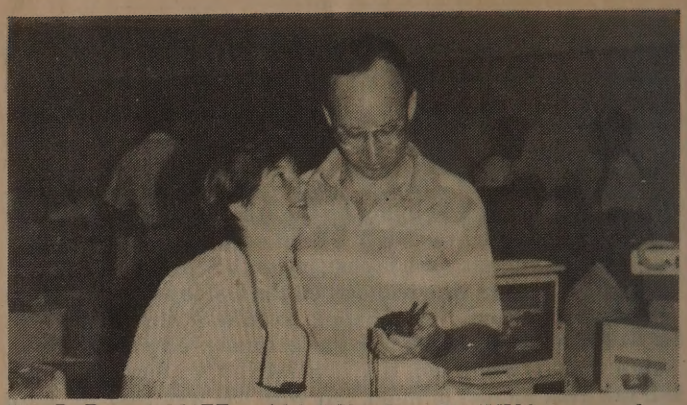
STATION	TOTAL	STATION	TOTAL
1. W3CUL	3189	11. WD4IIO	362
2. W3VR	1239	12. N4SS	333
3. K4FQU	1214	13. NR2F	328
4. WX4H	991	14. N4JAQ	282
5. KB6ECH	972	15. WA4PFK	254
6. WA9VND	893	16. K4IA	248
7. WA4QXT	756	17. W4DL	203
8. KB4WBY	621	18. KC4ZHF	202
9. WA4EIC	431	19. AA4HT	194
10. K4SCL	395	20. WB4WYG	187

TRAFFIC HOUNDS - NOVEMBER, 1992

by Bill Jochimsen, K4ZK - STM, So. Fla.

NET	QNI	AVG.	QTC	AVG.	SESS.	MGR	QTC/QNI
QFN	985	16.4	693	11.6	60	AA4HT	0.70
FPTN	1273	42.4	486	16.2	30	W4SME	0.38
SEFTN	1081	36	442	14.7	30	KD4GR	0.41
SWFTM	575	23	406	16.2	25	K4FQU	0.71
FMTN	449	15	368	12.3	30	WX4H	0.82
TPTN	485	16.2	268	8.93	30	WB4QKI	0.55
GN	174	5.8	227	7.57	30	W4DL	1.30
FMSN	308	10.3	134	4.47	30	KC4ECA	0.44
QFNS	179	5.97	79	2.63	30	WA4QXT	0.44
FPON	231	7.7	78	2.6	30	WB4GCK	0.34
NFPN	707	23.6	76	2.53	30	N4SGQ	0.11
SVTN	738	24.6	54	1.8	30	KD4HZQ	0.07
SPARC	534	17.8	31	1.03	30	N4ZMQ	0.06
PBTN	748	35.6	28	1.33	21	N4ZDD	0.04
BCEPN	111	27.8	9	2.25	4	KN4UW	0.08
AIN	29	9.67	7	2.33	3	WA4PFK	0.24
SFAN	32	8	0	0	4	KD4GR	0.00
		TOTAL: 3386					TOTAL:0.39
LATE OCT:							
FAST	275	4.4	87	1.4	62	WD4KBW	

From K4FQU, Earl, Net Manager, SWFTN... Hi Gang, November has ended and so has our 1992 Hurricane season!!... Thank goodness for little favors... We suffered no damage from any storms this season and we are most thankful that we did not live any farther south when Andrew blew through... We really feel terrible that so very many were devastated by the storm... Preparedness is what it is all about... Being able to pass traffic accurately and quickly under adverse conditions is what SWFTN trains our members and travelers for!... The ability of the HAM to get a station on the air under adverse conditions in the shortest time is what being an Amateur Radio Operator is all about... As simple as our Net operation may seem to you, it does serve a very important purpose in the whole scheme of things!... We all live our daily lives hoping that we will never have to put ourselves to the test... We must count 1992 as a year in which we "lucked out"!... The November statistics for the Net show that the ability is evident and that the time of the year has indeed produced it's usual amount of traffic due to the Thanksgiving Holiday... Our



Tim DcDow, KM4EF and his XYL, Pam KD4NYC contemplate a new HT at the West Palm Beach Hamfest. (photo via W4KOG.)

Check-ins totaled 575 for 25 sessions or 23 stations per session which is a nice increase and an indication of the returning "Snobirds"... They are now 'flocking' back to their winter homes and we welcome them back!... The increase in the traffic count was remarkable jumping from 2.5 messages per session to a new total or 406 messages with an average of 16.2 per session!... Congratulations to all for a great job... From now until the New Year, we will be in full swing and we look forward to more check-ins to each session... Merry Christmas and Happy Holidays to ALL.

NORTH FLORIDA BBS STATISTICS FOR NOVEMBER

Bill Wimberly - KB4LB

CALL	TOTAL	BULLETINS	PERSONAL	NTS
N4DWY	5514	3215	2093	206
AA4RU	3079	2562	418	9
N2GNU	2629	1768	831	30
KB4LB	2290	1766	479	27
K4OZS	2269	1874	280	15
K4GBB	2146	1818	304	26

TOTAL NTS TRAFFIC: 313

Those sysops not reporting are requested to do so. Send your reports to:
KB4LB @ KB4LB from NFL W8DUV @ W8DUV from SFL

If you need a log file analyzer contact K4GBB. He will supply you with his SAR112. It will extract the information from your log file/s and put it in the correct format. It works with most systems including FBB.

PACKET REPORT SOUTH FLORIDA SECTION

by Kay Anderson, W8DUV, ARRL NTS Pkt Mgr SFL

NOVEMBER

STATION	BULLETINS	PERSONAL	NTS	TOTAL	TYPE*
W4DPH	2630	5159	311	8100	BGH
W7LUS	2917	4529	139	7585	BGHS
KB4VOL	3827	2103	77	6007	BS
W8DUV	2705	2384	126	5215	BH
W4MWP	2637	1287	116	4040	BH
N4ZIQ	2476	1470	39	3985	B
WD4NKZ	2669	1027	61	3747	B
KB4GBS	2662	901	8	3571	BS
KP4EDL	2667	862	12	3541	BGH
WD8IBY	2745	648	37	3430	B
WB2WPA	2691	493	12	3196	BS

Total NTS 938

*TYPE: B = BBS/Full Serve G = Gateway H = HF Ports T = Telink
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EBP-16N	*32.00*	40.95	7.2V 700mAH NiCad FOR DJ-F1T
EBP-18N	*52.00*	65.95	12V 700mAH NiCad FOR DJ-F1T
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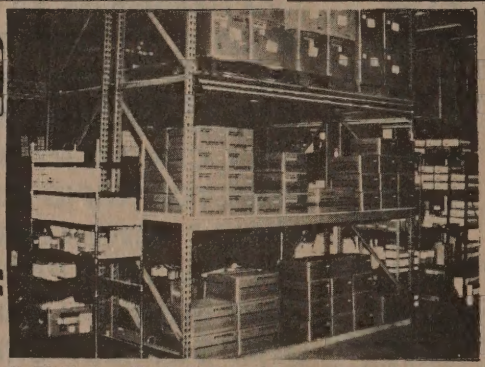

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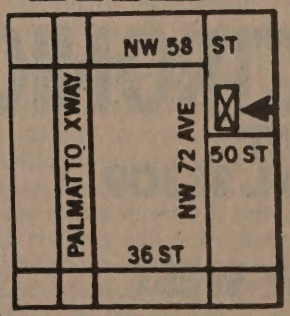

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QCWA, Inc.

FLORIDA Q.C.W.A. NEWS
Edited by Eli Nannis, K4JMH

The national QCWA convention in Scottsdale in October was a big success with almost 250 members attended. The Board of Directors met for two days before the convention and then held an open forum Friday morning to report to the membership and receive input. There will be another meeting of the board in April. If you have any items you wish considered, get in touch with the QCWA Secretary or General Manager or any member of the Board. Remember that each chapter is entitled to issue one meritorious service award each year. Each chapter surely has a member eligible for this award.

PALM BEACH CHAPTER

Our October meeting was thoroughly enjoyed by the 24 members in attendance. We welcomed a new member Bob Woodstock NX4J who is applying for a life time membership in QCWA. Elections were held and Bob McDow W4KOG and Vice Pres. Forrest Haynes, K4YPO were reelected to another term. Walt Reitz K4JCA was elected as Sec./Treas. The December meeting was held on Dec. 15th. Our new meeting place at the North Palm Beach Country Club was affirmed. Members are requested to be present and signed by 11:30 AM. A gift exchange will be held at the Dec. meeting. Forrest also has some surprises in store for all so be sure to come. All members are requested to prepare a short personal history for inclusion into the chapter directory. The next meeting will be held at the NPBCC dining room on Nov. 24th.

Reported by Bob McDow W4KOG

CENTRAL FLORIDA CHAPTER

The Saturday net on 0900E on 7243 has an increasing number of check-ins now that many members are returning from the summer home. The attendance at the Saturday luncheons at Stacey's Buffet on US 98N Lakeland is increasing with some new folks who have learned about our QCWA activities. President W3IUW will have his antenna roter working with the help of WA4OZA. Roy is also a whiz at getting food programs for our meetings. Attending from Tampa is W4SZ, WB4DJM and W9TKV. Dick Shave VE3BIS will not be returning to Lakeland on account of his health. N4LBG is recuperating from heart surgery. K4AVP was in the hospital for a while and may have to go back. Tom Snipes KM4OA isn't feeling to well either. W1PCD will soon be back from Maine and in his new home. W4OFT is hoping eye surgery will improve his vision. Rose Porter will likely be an officer in 1993 for the Lakeland Amateur Radio Club. Many younger hams in our area have reached 25 years or more and we invite them to join QCWA and our local chapter. Info can be had on the Saturday Net or by calling Roy Coleman WA4OZA 813-682-4466.

Reported by Jim Gundry W4JM

GATOR CHAPTER

At our November meeting at Stacey's, the attendance was 41 members and guests. We were surprised to see the Randles and Wes W4COW had a very serious operation on his neck. They both were looking quite well. Irv W4JCJ advised that his birthday and wedding anniversary are both on this month. We thanked Lou Weber K4HWS and Dorothy for taking care of our 50/50 program for many years. Bill Penhallegon W4STX has been taking care of our meeting programs for a number of years but will no longer be able to continue. We are now looking for a volunteer for our programs. We are sorry to report that we had two silent keys recently. They were both long time members of our chapter. They were Erle Parker Jr. K4JF and Cathy Soehl W4BAV. Our chapter sends $25.00 to the QCWA Scholarship fund for each silent key. Wes Randles W4COW our national Treasurer presented Art Monsees W4BK with a QCWA Distinguished Service Award for his many years of service as national Treasurer. He was well deserving of this award and we are pleased to have Art in our chapter. At our Christmas meeting, we will not be exchanging presents but that money will go to a local charity. We wish you all a very merry Christmas and a happy New Year.

Reported by Eli Nannis K4JMH

Palm beach Chapter 111 of QCWA reelected Pres. Bob McDOW W4KOG, (left) and V.P. Forrest Haynes, K4YPO to serve another Walt Reitz, K4JCA (not shown) was elected as Sec/Tres for next year.

SOUTHEAST CHAPTER

At our Nov. 21st meeting, 15 members and guests attended. Our Treasurer Marion Rauch WB4RFB gave a report to a good financial status. Elections for new officers will be held at our Dec. 19th meeting and plans for our Christmas party meeting. Committee members are Dick Leisy W4OOH, Cliff Seale K4HQH and Andy Clark W4IYT. Our present secretary and treasurer Art and Marion Rauch accepted the new term of this job for 1993. Our Christmas party shall be held on Dec. 19th at Andy Clark's home and surrounding area in Miami Springs. A discussion was held for a gift to be raffled off for the ladies

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who work our booth at the Hamboree was finalized at a maximum of $65. The meeting closed with an accollade to John Beck W4COG for his work with the Hurricane victims and his church in South Dade County. The 50/50 was won by Bob Beck with the wish that more members and guests attend our open meetings. Reported by Herb Bernard W4JXA

PELICAN CHAPTER

We are sorry to report a Silent Key, Reg Iversen K4QZ. Reg was 93 years old. He was a life member of the Veterans Wireless Operations Assn. and the Society of Wireless Pioneers, a senior member of the Institute of Radio Engineers and of course a long time member of QCWA. Cathel Soehl W4BAV also a long time member of Gator and Pelican is a Silent Key. The election of officers was held and those nominated were President, Jay Strom K9BSL, V.P. Ralph Luedke K9MOR, Sec. Charles Gramm KB4ZB, Treas. Don Bice W4PC and Directors Dave Stocky K4KE, Roy Dressler W9MCS, Jim Keyes K4FCW, Blanche Randles W4GXZ and Eli Nannis K4JMH. Officers will be installed at the December meeting. Our November meeting was held at the Seminole Lake Park were we had a catered picnic. It was attended by 66 members and guests. A chicken dinner was served with all the trimmings. We were glad to see the Randles back in Florida and plans for the QCWA 1993 National convention are moving right along with committee meetings each month. Reported by Jay Strom K9BSL

PALM BEACH CHAPTER

Our November meeting at the North Palm Beach CC was attended by 30 members and guests. President Bob McDow W4KOG conducted the meeting. Our next meeting will be the Christmas party and it will be held on December 15th. Also chapter dues are due and don't forget the national dues. Also submit your personal history for inclusion into the chapter directory which is in the works. We are sorry to report that our member John Pearce, WB4P recently became a Silent Key. John will be remembered as a major contributor in the development of the proximity fuse during WWII which was credited with significantly shortening the war in both theatres of operation.

Reported by Bob McDow W4KOG

SUNCOAST CHAPTER

We held our regular monthly meeting at the House of Chong in Sarasota on Nov. 5th. There were 40 members and guests present. President Art Miligan W8KW opened the meeting and called for introduction of the members and guests and for reports on any sickness or Silent Keys. We did not have any which we were very thankful for. There was no program and he asked for stories from several of those present. Art reported on the QCWA annual meeting. All living charter members will be invited to the annual meeting in St. Petersburg next year. Eight plan to be there and one of those is our member Frank Lester W4AMJ whose QCWA number is 13. Frank was first licensed in 1924. The next QCWA election will be for all officers and directors. None of the present officers plan to run for re-election. There was also considerable discussion about the QCWA Museum. Reported by Bob Bookwalter W4NWF

KNIGHTS OF THE KILOCYCLE
3910 Kc. Sunday Morn. 1230 Z - 0730 EST
By Bob McDow, W4KOG

Things are picking up a little on the net... Wes, W4COW has returned and is recuperating from his coronary bypass operation, Shirley, W4WPD and Charlie, K8RIF have been back in regularly. We have two new YLs, Marian, KC4MFT and Julie, KC4HL who will be full-fledged members by now, and we also welcomed Terry Bernard, N4NKF of Taveres, at Knight #519.

It's hard to realize that 1993 is here already!!!! It doesn't seem that long ago when I went down to the old Bayfront Auditorium for the first Miami Hamfest. Now it's almost time for the 33rd Annual. I've sent in my money and expect to be at the same table I've had since it's been out at the Youth Fairgrounds. I like this location the best of all... It's got lots of room, a nice RV campground, and real easy to get to. But, best of all, you get to see ALL the guys you talk to all year, eyeball to eyeball. I always look forward to Miami in February.

Still haven't gotten my new antennae up as yet!!! I got the tower up and the new beam all assembled and located up on the roof of the house ready to be pulled up onto the tower... Well, It started to rain and the wind blew and it kept up like that for three weeks. So everyting sat where it's at... I hope to get back to it soon so I can get a decent signal back on the air... I'll keep you informed.

Hope Jay, K9BSL and Clyde, WI3X and their families have a nice cruise on the Caribbean. Our prayers are with Stan, W4JKK who is going into the hospital for an operation. (He'll be back home by the time you read this) And lastly, I wish everyone a Best Holiday Season ever...

OOTC QSO PARTY

The 1993 QCWA QSO Parties will be held on the following dates:

The CW Party will be held on February 6 & 7, 1993. The CW Party will begin February 6, 1993 at 0001 UT Saturday and end at 2400 UT Sunday, February 7, 1993.

The Phone Party will be held on March 13 & 14, 1993. The Phone Party will begin March 13, 1992 at 0001 UT Saturday and end at 2400 UT Sunday, March 14, 1993.

Rules for the Parties will be found in the QCWA Journal along with sample log sheets and official chapter list. Rules have been changed only slightly this time. Pay attention to Party dates and suggested frequencies, which have been changed to be of some help to our members in Europe and overseas. Other than that the rules are basically unchanged.

This year the logs will be checked by members of Sailfish Chapter #82 in Florida, all logs will be sent to:
William (Bill) Bergan NU4X
1308 East 8th Street
Stuart, Florida 34996-3221

Hope you all enjoy the Parties and best of luck.
Norman R. Dias W1UHY
Activities Manager, QCWA

OLD OLD TIMERS CLUB
Florida Chapter
Director, Bob Bookwalter, W4NWF

Director vacancies have been filled in all call areas and an election of officers is in process. Results will be in the next issue of Spark Gap Times. Results will also be announced on the FL nets by W4NWF. These are Wednesdays, 1000L, 7274khz and Saturday, 0800L, 3955khz. If you are a Charter Member of OOTC make sure you've sent in your $7 per year for Spark Gap Times as it gives much information on vintage hams and stories of early experiences.

Faithful check-ins on the net are K8RIF, W4SZ, W8PFO, AA4PE, WB4DJM and W4KOG. Many others make it when they can, like W8SSZ and W4LHP.

With regret your scribe is giving up writing this column. A number of personal commitments preclude this duty and I trust someone will volunteer to do the job. Certainly there are a number of OOTC members in FL who could do the job very effectively. I hope W4NWF will have some folks calling in to offer to take over. Thanks for all the support I've had to maintain the column.

In the words of the late sports writer, Grantland Rice: "Don't hurry — Don't worry — And don't forget to smell the flowers."

FLORIDA ARMY MARS NEWS
By Lorraine S. Matthew/AAM3PR

As we end 1992 and turn toward 1993, Florida Army MARS members can march with pride. At the end of 1992, Florida Army MARS scored another "first" to add to its long list of innovations and ideas. At the suggestion of Bob Hoguet/AAR4VT, Florida Army MARS became the first state Army MARS organization to service the VA Hospitals and homes. When we consider the great sacrifices that the veterans who are confined to these facilities have given for all of us, it seemed only fitting and proper for those of us who are far more fortunate to give something back. That "something" was the extension of Army MARS services to these men and women. Ordinarily, the status of a retired veteran reverts to that of a civilian according to the regulations under whicy Army MARS operates. Civilian-to-civilian traffic is not allowed under MARS regulation unless an emergency situation exists. MARS privileges can be extended, however, to any Federal agency. As a result of much consideration on the State level, the Area level, and CONUS level headquarters, it was felt that Florida Army MARS would be properly serving the Veteran's Administration — a legally constituted Federal agency. Thanks for the development and extension of this operation go, in part, to Bob Hoguet/AAR4VT (originator of the idea), Bert Fow/AAA4FL (Florida State Army MARS Director), Fred Neff/AAA3E (Eastern Area Army MARS Director), and Bob Sutton/AAA9A (Chief Army MARS). There were others whose assistance on this project was most helpful and their help is appreciated. It is still too early to determine the effect of this program so far, but one happier person makes the effort worth while. This program was conceived as a part of the Operation: Holidays public relations campaign. It has such merit that it has been accepted as an on-going permanent part of Florida Army MARS. If we accomplish nothing else, those veterans will know that they are not forgotten.

Another program which Florida Army MARS is being encouraged to develop is the establishment of 2-meter simplex clusters on the MARS frequencies. Clubs have been contacted with the request that three or four of their members form such 2-meter simplex clusters. The aim of this program is, of course, to create a 2-meter simplex blanket which would cover the entire state. By going simplex, communications capability would be guaranteed in the event that repeaters became unavailable. By going simplex, the volunteer operator would have far less expense and he/she would have far more capability of going mobile should the need arise. The simplex rings would be about ten miles in diameter with each ring interlocking with other rings throughout the state.

At this writing (early December), Florida Army MARS, like all other Army MARS groups all over the world, stands ready to participate in the Somalia crisis. Chief Army MARS reports that his office has already been contacted and has been requested to fulfill a role in this mobilization as we did so successfully in the Gulf War.

Chief Army MARS write, "Army MARS did an outstanding job of supporting our deployed troops and their families during Desert Storm. Based on recent world events, Army MARS is again being called upon to provide, as a minimum, similar morale and welfare support for Somalia. Army MARS must prepare for an anticipated increase in traffic flow throughout the MARS network... It is also possible that this may include official traffic and we all must be prepared to provide maximum support possible."

"In summary, our soldiers and their families will be expecting MARS to do its part in this humanitarian effort. Coming together is a beginning, keeping together is progress, and working together is success. We are fully confident that as a team effort, Army MARS will again be successful in meeting this new challenge with the efforts and dedication that has become the hallmark of Army MARS."

At the last Army MARS picnic this packet station was set up Bill Phifer (AAM3PC), Bob Hoguet (AAR4VT) Joe Reilly (AAt4UV) and Father Dan (AAR4OH.) Watch SKIP for date of next MARS Picnic.

I read with great interest the guest editorial in the *Florida Skip*'s December, 1992 issue. It was entitled "The Way The 'Sparks' Fly" and its basic theme was about the jobs and values of traffic handling. The entire piece could have applied to Army MARS had the writer (W4SME) had us in mind. He makes several statements that are very applicable to Florida Army MARS. "Florida is BLESSED with a HAM population that is to a large extent... TRAFFIC ORIENTED." ... "And they say TRAFFIC HANDLING is a LOST art? Don't believe it! That interest in nets is WANING! MAYBE, but in Florida... it ain't SO!" "This is where the action is!"

"If there is ONE thing we learned from Andrew, it was that Digital Communication does not take the place of the Human Voice, nor does a Computer and a Modem take the place of the Human Mind! TACTICAL Message Traffic during an emergency via FM and HF operations is the PRIMARY Modality and the key to successful prosecution of DISASTER RELIEF! That is where the TRAINED, SELF-DISCIPLINED, COMPETENT, AND UN-EMOTIONAL AMATEUR earns his MERIT BADGE! This is the time when 'SPARKS' fly!"

If we examine the above writer's use of capital letters, those terms describe the Army MARS radio operators and that scope of activity for which we are so well trained. For all of us, service with Army MARS is an exhilarating experience - exhilarating because we know our strengths. For those of use who are active, this is, indeed, "the time when 'SPARKS' fly!". Here's to all of Army MARS and a most productive 1993. Lets those sparks fly throughout the year wherever and whenever we are needed.

FLORIDA AIR FORCE MARS NEWS
By David J. Sweeney, AFA2YB

During the holiday period Military Personnel stationed overseas turn towards MARS to send an receive messages from their loved ones back home. The AFMARS system operates almost 300 stations throughout the world. MARS operators handle personal messages to and from Armed Forces and other US Government personnel and dependents. The three MARS organizations cooperate with each other in regards to delivering this traffic. Interservice transfer of these messages increases traffic handling capability by providing more traffic delivery outlets. This holiday season will no doubt see an increase in traffic caused by the larger number of Military Personnel

MARS QSY P. 15

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AMATEUR RADIO LICENSE EXAMS
Exams will be given on Sunday, Feb. 7th for all classes of license. Two exam sessions are planned and will be held in Tower Bldg. at Hamboree site. **All persons wishing to take exams should be at site by 9:00 A.M. in order for examiners to complete paperwork, assign session team, time and collect exam fees.** Separate exam sessions are to be conducted at same site by ARRL VE Team and W5YI VE Team. Schedule of times to be announced. You will need proper identification and, if upgrading to higher class of license, original copy of current license. (This schedule is new for Hamboree, your patience will be appreciated while we work out the details.)

HANDICAPPED PARKING
Enter Main entrance on S.W. 112 Ave. and follow directions of parking personnel to Handicapped Parking area. Please have your State Handicapped Permit displayed for identification. Hamboree Committee is no longer allowed to issue permits.

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AMSAT PRESENTATION
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YOUTH FORUM
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SUNDAY

FLORIDA REPEATER COUNCIL MEETING
"THE LAWYER'S IN & THE METER'S OFF", Christopher Imlay N3AKD, ARRL Counsel
(Legal & Regulatory Topics Effecting the Amateur Radio Service)
ARRL OPEN FORUM, Frank Butler W4RH, S.E. Div. Director & ARRL Officials
COMPUTER ASSEMBLY, DO-IT-YOURSELF

SATURDAY & SUNDAY

• "HOW TO" CRAFT PRESENTATIONS BY MARIAN GRAM
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involved in the Humanitarian relief activity in Africa. MARS MARS program. Joe Gibson, AFF2FL, Air Force MARS State Director and Guice Johnson, AFF2C, Air Force Region Two MARS Director were on hand to greet all those who stopped by the MARS table. We wish all of you happy holidays.

Affiliates are ready to handle morale traffic for this holiday season just as they have since 1946 when MARS was reestablished after World War II.

Twenty AFMARS Affiliates met at the Tampa Hamfest in November. It was good to be able to put a face with a familiar voice. We also met many Amateurs who were interested in the

THE PANHANDLE AT A GLANCE
By "Matt" Matthew - KC4RKJ

The 23rd Annual North Florida Ham/Swapfest sponsored by the Playground Amateur Radio Club of Ft. Walton Beach will take place March 20th and 21st 1993. The doors open Saturday at 8 AM and close at 5 PM. Sunday's activities will start with the opening of the doors at 8 AM and conclude at 4 PM sharp. The admission is $4 at the door and $3 for advanced sale tickets. All ladies and all persons under 16 years of age will be admitted free.

RV parking will be available on site on a first come, first served basis for a hook up with electricity. A dump station is available. The RC area opens at 4 PM Friday afternoon. Those of you who wish more information write to Stan Reither (WD4PEU), P.O. Box 873, Fort Walton Beach, FL 32549 or call (904) 243-8801.

Various meetings and activities will take place as usual.

Frank Butler (W4RH), our local ARRL Director will be at the ARRL Table and will be at the ARRL Meeting.

A combined MARS table will be open with a place to rest as your wallet gets lighter and your legs get heavier. You are invited to hang around, help at the table and connect faces with call signs. A MARS meeting will take place with Lori (AAM3PR) and "Murf" (AFA2RZ).

DX will be the topic at another meeting. A number of DX enthusiasts will find this interesting. I'm sure that Bruce (WD4HDT), who is the moving force behind the Ft. Walton DX Cluster will be there. Reports about the latest developments on the expansion of the DX links most likely will be highlighted.

Also Packet Forums will be held. These sessions should be fascinating and most enlightening since they will most likely include many of the regulars of the Tuesday 8:30 PM evening forum held on 147.36 by the "Special Packet Interest Group".

Ask for the schedule as you enter the door.

No FCC Exams will be given. Pets are not permitted in the building except for Guide Dogs.

Various dealers and exhibitors will attend. I was told at Dothan that Dave and Liz of Pensacola's Quad Electronics, for one, will attend. Unfortunately I cannot give you others since the lead time for this article is too early for initial reports to be in but many of the regulars will be there.

Tables are $10 per day or $15 for the weekend. Tables will be scarce and none will be held after January 31st unless paid for in advance. Admission will be extra and a security guard will be on duty both Friday and Saturday Night. Those of you who wish advanced reservations, send a check payable to "PARC" to Jim Jajuga (KD4NHQ), P.O. Box 873, Fort Walton Beach, FL 32549. Don't forget to send a S.A.S.E. if a receipt is requested. For further information call either (904) 651-5362 or (904) 581-5610.

The talk in frequency will be 146.79 — and the Ragchew frequencies will be 147.00 + and 146.88 — just in case you need help or a place to gab.

With the Pensacola and the Ft. Walton Beach Hamfests over, those of us living in the Panhandle will have to wait till 1994 for another "local" Hamfest to occur.

Repair crew at the American Red Cross, Panama, readying for the communications job at hand. Tower is 150 feet high . L. up and right Dennis Byrd KC4HPD, David Thompson KD4-BYH and Hal Beasley KD4MBW. (Photo via N4EVS, sponsor.)

Army Mars has also instituted a new program in the Panhandle. Jack (WD4PQW) and the "CARS" club have become not only a Mars Club Station but they are the first to have a 2M cluster locally.

This program is intended to have clusters of local 2M MARS stations form traffic handling nets, using Army military frequencies and traffic procedures. These nets will be required to work simplex so that if the repeaters are destroyed for any reason, communications will not be a problem. This, it is hoped, will improve MARS capability for traffic handling both in emergencies and for Health and Welfare traffic to and from Military personnel. As more and more clusters are organized, the more they will enhance the ability of MARS to deliver traffic to small out-of-the-way towns which currently have no MARS members nearby to expedite traffic delivery.

In the event of a major disaster, such as Hurricane Andrew, these groups will be able to move emergency traffic quickly and add a dimension of flexibility which HF rigs cannot.

The use of 2M will also reduce the cost for the individual operator and it will also reduce some of the problems of band conditions such as those frequently found on HF frequencies.

Anyone interested in becoming involved in an experiment in MARS 2M traffic clusters should contact Jack (WD4PQH) or Lori (N4ZCF) for further information.

NEW DADE RADIO SHOW

A new radio show *"Comtalk"* with all phases of communications will begin Jan. 2, 1993 on AM radio station WCVG in Coral Gables at 9 to 10 PM. This show is produced by two radio amateurs in Dade County, John Faircloth N4SKV and Jeff Wallis, WB4LGI.

These shows will consist of all phases of communications from Amateur Radio to hi tech computers.

John and Jeff are looking for interested persons in these fields for interviews. Each radio talk show will run for one hour. Recordings will be made in a studio or if you perfer can be recorded over a telephone line.

For more information on this project please call 285-3597 24-hours a day.

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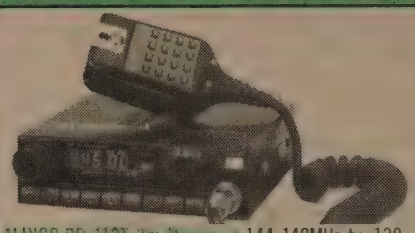

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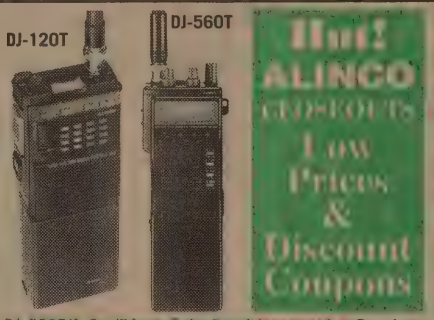

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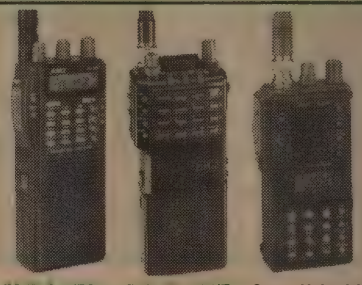

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DADE CO. ARPSC PLANNING MEETING
By Rick Vahan, N4PBF

The Dade County Amateur Radio Public Service Corps met on December 5, 1992 and received the following reports:

The Dade County Water & Sewer Authority clubs, made up of employees of Dade County government, has 3 three-man jump teams ready for deployment to areas needing emergency communications. Included on the quick response teams are paramedics as well as net controllers and technical personnel who can maintain equipment.

The South Florida FM Association is installing an auto patch on its 40/00 repeater in south Dade County to help provide telephone service to that area. An 85 controller will be installed to this end.

Ernie, WA4CCP, reported that while propagation makes communication with Somalia difficult, 60 to 80 Air Force MARS stations will be operating to provide communication with the east African country.

New antennas with all new coax and connectors are ready to be installed at the National Hurricane Center to replace those lost in Hurricane Andrew. Layton, W4VBQ, called for a few good men to help with the installation.

A new amateur radio club to assist handicapped operators has been organized, according to Mike, KD4FHI. The club will also seek to recruit handicapped persons into amateur radio by assisting them to prepare for FCC exams. Mike also make an appeal for toys for the children of a young woman who is in a coma as a result of a severe beating she sustained. He invited calls to himself at 305-944-4985 to aid in collecting the toys.

Amateur radio quick response teams will be standardized under a plan initiated at the recent Tampa hamfest. The standardization will mean teams will be consistent with each other wherever in the State of Florida they are called to, according to Joel, KI4T, who is a prime mover in the project. Under the system, the jump teams will typically have eight members, including net controllers, operators, technicians and liaison with various government and relief agencies. In addition, he said, three vehicles would be needed under the plan. One each would be needed for operations, for transportation and for sleeping. Joel is also urging standardizing of connectors and pushup antenna masts that will fit into any local setup.

Attention is also needed to security against looting and assault, simplex links among teams in the field, standardized identifications for amateur radio operators, training for operating in unfamilar areas and a callup plan that can be recognized anywhere in the state. Joel announced that a complete recap and proposed planning for emergencies will be discussed by a panel at the tropical hamboree in Miami February 6 and 7.

John Theimer, engineer-in-charge of the FCC's Miami office, said that WCIX-TV, Channel 6 will rebuild its transmitting tower at the site of the old tower which fell before the winds of Hurricane Andrew. He explained it temporary transmitting tower in northern Dade County could cause interference with Channel 5 in Orlando. The 1,800 foot tower that Channel 6 had in Princeton in south Dade County, was the site of the South Florida FM Association's 2 Meter repeater at 147.00 which could be accessed from as far away as Key West, Palm Beach, Naples and the Bahamas.

Alan Page, KE4WO, President of the Fellowship Amateur Radio Club presents the first annual "Amateur of the Year" award to Norm Ward, K4RBR (L). The inscription reads "You have captured the true spirit of ham radio." Norm is the new ARRL Emergency Coordinator for Dade County. (Photo by Mrs. Ward.)

Carl, KA4HLO, RACES officer, reported that the Dade County Emergency Operations Center is still recovering from the effects of the hurricane in August. He said new equipment is being added and damaged equipment that is salvageable is being repaired. In addition, he said, training programs are being prepared for net controllers and for traffic handling.

The American Radio Club is currently working on establishing BBS relays to Key West, Ivan, KP4EDL, reported. He also said his club will protest to IARU the suspension of amateur radio licenses of Cuban amateur radio operators who have sought to provide communications links with the United States to replace telephone service between the two countries disrupted by Cuban government action.

The Fellowship Amateur Radio Club has established 2 Meter and 440 MHz repeaters atop Parkway General Hospital through the generosity of hospital officials. The club has its own separate telephone line to the site for an auto patch.

Pat, WD4ITI, manager of the Dade Emergency Net, reported that while the number of check-ins is increasing, it still has not reached the level it was at before the hurricane. He urges all to remember to check in each Wednesday evening.

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—Editor.

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STOLEN H/T. Be on lookout for Kenwood TH-27A stolen from my car sometime after midnight on 25 July 1992. Serial No. 20502548. Reward for return. Harry Mead W4MRY, 407 - 277-0391 or 407 281-1288 or write 38 N. Alder Dr. Orlando, FL 32807.

LINEAR Homebrew from 1959 Handbook, Pair of 3-500 tubes Vacuum variable, squirrel cage blower, 80 thru 10, rack mount pick up only $100. Bob Walker N4CLL, 6601 SW 16th St. Plantation, FL 33317 305 792-7015.

MERRY CHRISTMAS SALE: Kenwood TS-830, mint, condx, one owner, 500 cycle filter, hellava buy convice yourself. Jack Wacher W4OBA, 3670 Quail Ridge Dr. Boynton Beach, FL 33436. Price is only $550. for above. Thanks. Merry Xmas.

HENRY 2KD Classic Linear, Pristine 10 thru 80 meters. $1000. Myles M. Myers W4OMC, 801 Cinnamon Dr. SW, Winter Haven, FL 33880. Also have Ringo Ranger 2 mtrs for only $25.00

FOR SALE: RCA stand-up quick charger TAC-100 $50. RCA Hand held mod. HFA518822 (2 chnl) $125. YAESU 23R HT with new FNB-10 battery, rubber duck, manual $125.. Like new ICOM battery charger BC-50U $48. ICOM HT ICu2AT 2 meter FM Xcvr (covers 155 MHz range also on receive $150, very clean! with rubber duck. AZDEN SDX-316 speaker-mike $12. Uniden Bearcat scanner BC-140, 10 chnl readout, (2 Mtrs, police, fire, trains etc) can be used as fixed or 12 v. mobile, ant. $45. Yaesu FT-747GX, looks new with manual $625. (Dec QST shows price $899 plus ship) Brand new in box Yaesu HM-1 hand held mike $20. All above plus UPS. Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

OFTEN CHEERFULNESS IS SIMPLY THE CAPACITY TO IGNORE YOUR UNHAPPYINESS.... ..

BUYING TUBES. Clean, boxed, unused, quantities. Send SASE for tube or teleprinter list. Also buying M.S. connectors (The olive-drab ones) and Amphenol black round tube-type plugs and sockets - 4- to 12 pin. Fred Schmidt TYPETRONICS, P. O. Box 33310 N4TT

FOR SALE: TRANSCEIVER' KENWOOD' TS-520S, with DG-5 (digital read-out) and VFO-520 (remote VFO) All in excellent condition $500.00 plus UPS. G . R. Skinner, K4LVZ 407-679-0976.

FOR SALE: ICOM 25A 2 meter $125. Joe Michaels W4DDV, P. O. Box 350894, Palm Coast, FL 32135.

YAGI BUILDERS: Tubing, Traps, Hardware, SASE for details. Panels, chassis, cabinets, silk screening, engraving, painting. You design. We fabricate. Roller Inductors 10-160 meters. Metal bevel gears turns counter. No plastic. BROWN ENGINEERING, Inc. 5501 SW 25th Court, Hollywood, FL 33023 305 989-4658.

FOR SALE: TEN TEC OMNI 5, mint condition, includes SSB & CW filter plus manual. $1,345.00 J. S. Matthews W4OWJ, 4341 SW Bimini Cir. N Palm City, FL 34990 407-288-4536.

FOR SALE: RBS-50 (51 ft) E-Z Way crank-up-tilt-over tower with ATB tri-band beam plus rotor-rotor head and 100 ft of HD cable. You pick up and transport $200. FIRM! Call after 5 PM W. R. Staples, W4SME, P. O. Box 782202, Sebastian, FL 32978-2202 407 664-6750.

SELL TEN TEC CORSAIR I, one owner, mint condition, with factory box and manual $525. Walt Foster WA4VEC, 11544 Beacon Dr., Jacksonville, FL 32225 904 641-0696.

SELL: Pair 3-500Z $110. Eight Hustler mobile antennas, Staff, quickiock $125. Mobile magnetic 2 meter and 70CM, 5/8 antennas $30. each. SB200, converted 2-4CX300, spares. $350.00 HA-14 $300. Computer monitor color $50. Green $25. Steve Mayo W2BXB, 162 SW Eyerly Ave., Port St. Lucie, FL 34983 407 878-8866.

FOR SALE: Kenwood ts930S/AT with SP-930 spkr. and MC-60 desk mic. $725. Kenwood TS-680S with PS-50 pwr supply and AT-250 auto tuner $925. ICOM 551D 6 mtr tcvr with PS-20 pwr supply $225. Telrex 2 el. 40 mtr beam $275. and Rohn 25G top section with rotor shelf $45. Doug Mc Duff WB4MAI, 10380 SW 112 St., Miami, FL 33176 305 284-0733.

SELL: 40 ft. crank-up Aluma-Tower and Moseley CL-33 beam $650. Ron Murph6 N4ELA, 2075 Mooringline Dr., Vero Beach FL 32963 407 231-9151.

IF WE COULD SEE OURSELVES AS OTHERS SEE US, WE WOULD DENY IT.... Duke.

WANTED: HALLICRAFTERS SX-42 in reasonably good working condition with all knobs and original parts. This will be used, not just displayed. Call Dave McDonald N4EWC, 813 536-4316 or 1-800-525-0012 2091 59th St. No., Clearwater FL 34620.

THE STAFF OF FLORIDA AND ALL ITS STATE EDITORS WISH YOU ALL A VERY MERRY CHRISTMAS AND A HAPPY NEW YEAR' YOUR EDITOR WOULD LIKE TO THANK ALL THOSE WHO SENT US XMAS CARDS! THANKS AGAIN! AC

MAPS MAPS MAPS: FLORIDA SKIP has 144, 220, 440 rptr Statewide ALSO A NEW PACKET statewide nets listing freq< quencies in each city. All are 11 X 17 inches, clearly printed for only .25 cents each with your Self Addressed Stamped Envelope (SASE)' Please do not send buck twentyfive and expect me to supply postage and envelope. Send to MAPS (with request), P. O. Box 501, Miami Springs, FL 33266. Thank you.. Editor.

1993 TITUSVILLE ARC OFFICERS ELECTED

By Florida Skip Correspondent
Carl Zelich, AA4MI

The Titusville ARC (TARC) announces its officers for 1993: President Bud Hughes, K4CWG; Vice President Cliff Hoag, KC4SYD; Secretary Jerry Russell, KC4UFI and Treasurer Clyde Lee, K4EOS.

Elected to the Board of Directors are: Les Griner, K4SJC; Jerry Russell, KC4UFI; Dave McLean, WB4SIG; Larry Carr, WB9MFJ; Jose Ramos, KC4VIO; Wes Whitley, AF4N and Mike Cavalera, KB2MLY.

TARC consists of 160 active radio amateurs serving north Brevard County. TARC meets monthly on the fourth Tuesday at 7:00 p.m. at the Jaycees Building on Singleton Ave. For info, call: 407-267-7030.

NEW ATV ANTENNA UP!
By Florida Skip Correspondent Carl Zelich, AA4MI

The new Launch Information Service and Amateur Television System (LISATS) antenna is operational. A brand new 10 dbd Sinclair transmitting antenna especially built by the manufacturer is putting out the K4ATV/R signal. The K4ATV/R ATV repeater site is located at Radio Station WLRQ about 3/4 mile north of SR 520 on Clearlake Road in Cocoa in central Brevard County.

Jim Grossman, tower engineer, completed the antenna installations recently. He was assisted by Gene, W4JMX; Gordon, KA4FFA; Bud, W0TPB; John, K4GCC, Ernie, K4RBD and Carl, AA4MI.

Transmitted video quality has increased significantly and Daytona ATV viewers report seeing LISATS signals more often. Melbourne ATVers also reported improved viewing. Anyone with a cable-ready TV tuned to cable channel 57 with an antenna on the input can receive LISATS signals. Video input is 434.0 MHz. and output is 421.25 MHz.

Also work-in-progress installation of a Comet 13 dbd receive dual-band antenna with a 2 meter duplexer will be near the top of the tower using 1 5/8 inch hardline. This will put the user-select receive antenna at the same height as the ATV antenna.

Also help is needed in finishing a tower camera pan and tilt unit. This will be placed well up the tower. It will allow ATVers to remotely control viewing of the surrounding countryside as well as rocket launches.

Installation of ATV World's 4 watt exciter will feed a Mirage linear amplifier.

The LISATS Net meets Wednesdays at 7:45 p.m. ET on 146.940(−) repeater. Anyone interested may use the opportunity to ask questions about ATV.

For more info, contact K4RBD, 453 Watts Way, Cocoa Beach, FL 32931, tel. no. 407-783-7202. And remember, only ATVers can say "See you later."

SKIP-ITS

Money isn't everything — health is two percent.

HAPPY NEW YEAR
By Miss Phil West, KA4FZI

'Tis the month after Christmas
And all through the net
Signs of relief
Are mingled with sweat.

The headphones and key
Are set back to cool,
And a couple of dents
Flatten out on the stool.

When out on the airwaves
There arises a clatter,
We spring to the shack
To see what is the matter.

C.Q. QFN
Comes crackling in —
QND QNZ
QNA each R.N.

On Blaine, Rip, and O.B.,
Des, Nick, Dick and Phil,
On Mort Ed and cotton,
Then Doc, Jim and Bill,

Kevin, Gaby, Bud, Carl,
George, Eric and Dan,
With Woody's strong signal,
We're here — to a man.

So the the keyers
We're drawn in a flash.
We itch to get started.
It spreads like a rash.

We speak not a word
But get straight to our work
54 QTC
We're just starting to perk.

Tired eyes light up
As the messages fly.
We thought it was over,
But it isn't — HI HI.

QFN will continue
With its faithful crew
Bringing greetings to others
And much goodwill, too.

Now let me exclaim
Ere I slip out of sight,
"Happy New Year to all.
You're an A-1 delight!"

73 88, Phil

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The purpose, function, and nonprofit status of this organization and the exempt status for Federal income tax purposes *(Check one)*
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D. Free Distribution by Mail, Carrier or Other Means Samples, Complimentary, and Other Free Copies	100	100
E. Total Distribution *(Sum of C and D)*	2090	2075
F. Copies Not Distributed 1. Office use, left over, unaccounted, spoiled after printing	410	425
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PS Form 3526, January 1991 *(See instructions on reverse)*

RULE CHANGE SUPPORTED
By Special Correspondent
Carl Zelich, AA4MI

Many radio amateurs have been asking the question, "What do they mean by "business communications" in Part 97?" "Can our club do this for a "nonprofit" organization?" It seems like this ruling has had an extraordinary amount of interest from concerned radio amateurs. And, very wisely, it should. Our activities are based upon Public Service and attempts by many are being made to identify just what constitutes "business communications".

Well, here's a small window on the status of ruling from the ARRL:

"QST DE W1AW ARRL BULLETIN 112
FROM ARRL HEADQUARTERS, NEWINGTON, CT
DECEMBER 8, 1992
TO ALL RADIO AMATEURS

"The ARRL has filed Reply Comments continuing to support an FCC proposal to revise their rules on permissible communications by amateurs. The League said that other commenters seeking fine tuning of the new rules were asking for an unnecessary rigidity in amateur rules. The ARRL also suggested that a request by commercial interests to relax the use of amateur radio in ordinary news gathering, a request previously denied, be so denied once again.

"The League informally submitted a proposal for the changes in the rules to the Commission on January 6, 1992, changes that would restate certain sections of Part 97.113 in order to enable amateurs to continue, unfettered, to perform public service work. The League had not submitted a formal proposal for rule making in the matter. The FCC in April, 1992, assigned the proposal RM-7895, in PR DOCKET 92-136.

"In its Reply Comments filed December 1, 1992, the League said that trying to be specific in a "CONTENT REGULATION" such as FCC rule 97.113 was impossible. Yet the League agreed that some regulatory guidance would be needed. For example, in the case of amateurs providing communications for events held on a regular basis, the League suggested that weekly events would be considered "regular" and therefore not suitable for amateur support. Yet, annual events would be held seldom enough that amateurs could be the best providers of communication.

"The League also noted that the National Association of Broadcasters (NAB) and the Radio-Television News Director's Association (RTNDA) were jointly seeking once again to relax the restrictions against the use of amateur radio in day-to-day newsgathering, despite having been twice turned down by the commission on that very subject. The League cited comments from a NAB member and former RTNDA board member who called the plan "self-serving" on the part of the broadcasters and pointed out dangers in amateurs being used regularly as news gatherers.

"The League requested that the FCC finalize its proposed restated rule as soon as possible."

Well there you have it. A great deal of effort has occurred to get to this point. We'll keep you up-to-date as progress continues.

THAT &#*@! BBS WON'T ANSWER!
By Special Correspondent
Carl Zelich, AA4MI

(Here's a tip from Lynn Taylor, WB6UUT)

Have you been having trouble connecting to a landline Bulletin Board System (BBS)?

Practically all of the new BBSes are equipped with, and the older BBSes are upgrading to, V.32bis modems. Prices are dropping rapidly due to the "price war" between AT&T and Rockwell for the chip set and because these modems work fine with practically all of the modems out there.

There is one small hitch: it takes a little longer for the typical 2400 baud modem to "connect up" to a high-speed modem.

If you're using a 2400 baud modem, and you can connect quickly to some BBSes but NOT AT ALL to other BBSes, check the "wait for carrier" setting in your terminal program! I often listen to callers who dial in and then hang up JUST BEFORE the modems here shift down to 2400 baud. The typical default 15 second wait in most older terminal programs runs out at just about that point. Set the delay to 45 seconds and you'll greatly improve your success rate.

Address: WB6UUT, 463 Myrtle St., Laguna, CA 92651

POMPANO BEACH A.R.C.
By Don Johnson, K4FTM

The Pompano Beach Amateur Radio Club held its annual Xmas Party Dec. 7th with 38 members and XYL's present. Four club members are musicians, Bill Baldwin, organist, Steve Johnson, K4VLE, violinist, Steve Taber, W4ITD, guitar, and Floyd McCall, KD9XN, banjo. The music was great and with a singalong a fine time was had by all.

A bulletin board was made and members were asked to bring a snapshot (old or new) and pin it on. XYL's Ruth, Alva, and Hilma Johnson, (last names the same) were snapshot judges (looked like a fixed contest) and the winners were Vince, W4PD, and his wife Mary. Theirs was a snapshot when they were married 65 years ago. The prize was a bouquet of flowers, a happy anniversary song and best wishes of all.

Don Johnson K4FTM brought a copy of the book "Pearl Harbor, The Verdict of History". He read page 236 that stated on the morning of Dec. 7th, 1941, atmospheric conditions cut off radio communications between Hawaii and the War Dept. Signal Center in Washington. Ordinarily the signal center could have sent the "War Warning" to Hawaii, instead it was sent by Western Union and arrived late.

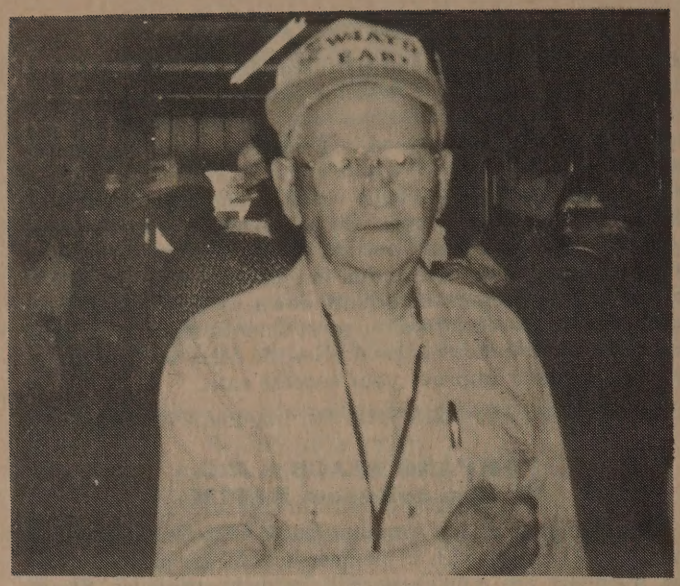
There are no Pearl Harbor Day survivors in our club but we do have many war veterans, and we well understand atmospheric conditions on Dec. 7th, 1941.

Steve Johnson K4VLE brought a model of his destroyer, USS Braine DD630, that was hit by 2 kamikaze planes off Okinawa and blasted him overboard. Later he was picked up by a PBY seaplane.

Ken, WB4RET, and XYL 'Hilma' drove 85 miles from Ft. Pierce again this year to attend the Dec. 7th party. The next morning Ray N4GUK, delivered left over food to the St. Lawrence Food and Homeless Center in Pompano Beach.

FLA PHONE NETS
From Doc, W4SME, Skip Correspondent

Each month I try to collect from EACH Net Manager of SSB and FM Nets in Florida information about thier Net, it's people, members, and travelers. Everyone likes to see their name in print for the efforts that they expend in their participation in Nets... As a *SKIP* correspondent, it distresses me sorely when I do not receive ANY monthly report from a Net Manager. Currently, I am able to report only on FPTN, Mid-Day and SWFTN... I would surely like to hear from TPTN where there is lots of activity, Fast and Fast Late, SEFTN who has a very active net with usually over one thousand check-ins per month, FPON with much important traffic and at least three others listed in Traffic Hounds each month!... Hey, I don't care if you scratch it on a postcard or on the back of an envelope, but PLEASE keep your members in touch by giving me the NEWS of your NET!!! Tnx,es 73, DOC



Earl Snyder, W4AYD, Ole time Spark Plug in Okechobee, is waiting in line for his Catfish dinner at the recent Okechobee Hamfest. Look for Earl on the Kights of KCs Sunday mornings on 3910 kHz.

CARIBBEAN HAMFEST

Miami, Florida — Radioscan Magazine proudly presents The Caribbean Hamfest and Computer Show which will take place February 20 and 21, 1993 at the Ruben Rodriguez Coliseum in Bayamon, Puerto Rico. This will be the first radio festival to be held in the Shining Star of the Caribbean and there's indeed excitement "on-the-air". There will be exhibitions, license testing, a flea market, and numerous prizes awarded by top brand communications manufacturers.

The Caribbean Hamfest and Computer Show is sponsored by the Puerto Rican Amateur Radio League, the Puerto Rican Radio Club, the Puerto Rican Radio Amateur Federation and Radioscan Magazine.

For further information and details, contact Lissette Machado, (305) 594-7734, Radioscan Magazine, 8250 N.W. 27 St., Suite 301, Miami, FL 33122.

FLORIDA HAMFEST UPDATE

FLORIDA HAMFEST UPDATE
by Bill Britton, KB4VOL

DATE	LOCATION	NOTES
1993		
Jan 16	Fort Myers	At Shady Oaks Community Center on Marion St. Talk-in on 146.880
Jan 23	Crystal River	At the Crystal River Armory Talk-in on 146.955
Jan 24	Pinellas Park	Benefit Pinellas Park Boy's Club 61st St N. Talk-in on 147.060
Feb 6/7	Miami	At Fairgrounds, SW 112th Ave & Coral Way Talk-in on 146.925
Feb 13	Pensacola	Bayfront Municipal Auditorium Talk-in on 146.760 & 444.925
Feb 19/20	Sarasota	At Robards Sports Arena Talk-in on 146.910 & 146.730
Feb 27	Stuart	FREE! At Langford Park, Jensen Beach Talk-in on 147.060
Feb 27	Brooksville	Hernando County Fairgrounds Talk-in on 146.715
Mar 12/14	Orlando	Central Florida Fairgrounds 4300 W. Colonial Dr Talk-in on 146.760
Mar 20/21	Ft. Walton Beach	North Florida Ham/Swapfest at the Fairgrounds in Ft. Walton Beach Talk-in on 146.790
Sept 26 (Sunday only)	New Port Richey	New Port Richie Recreation Center 6630 Van Buren Talk-in on 145.350 or 147.150

Send any corrections or additions to:
Bill Britton, KB4VOL 8703 S.E. Jardin St. Hobe Sound, FL 33455

QSY FROM PAGE 1

compatible, otherwise the WOM will provide an immediate error message and reject the data. The importance of this criteria is manifested to a much greater degree when you attempt to retrieve the data committed to the WOM. The speed with which you will be able to access and download the WOM is virtually limitless. Those who can regularly type over 90 wpm will experience no problems whatsoever! The front end of the WOM receptor package on it's path from the CPU operates above 85Mhz, thus no buffering is required under most circumstances. A 512K buffer is available however, if the WOM senses possible PKUNZIP overloading. Even while working with a typical software program uses in excess of 2 Megs of conventional RAM memory, WOM will process the program from the Hard Drive and any entries from the keyboard or floppies without delay. So far, I have been unable to detect any delay in data transfer even while working in Windows® with all the GUI's pulled out!

As you work at your PC keyboard and monitor the WOM Indicator Panel you will see the #1 yellow LED become lit as soon as you enter the proper command statement at the PROMPT before loading any program. This tells you that WOM in enabled and the pathway is patent. At the opposite end of the Indicator Panel is the LRL* and it will ONLY be lit if there is a data transfer intercept collision accident! If this sould happen, the WOM has been programmed to automatically reset without loss of data or installed program! The four DED's* on the Indicator are each directly connected to latched quad counters. These new diodes designed expressly for this application provide you with an exact readout of how much data is flowing from the WOM to a printer or disk at any time. This is simplicity personified! Since the memory elements are in a parallel-series-series configuration, it may be that you will have to depend upon subliminal reception in order to see a visible indication from the DED due to the internal speed of the process.

Although my use of this system has been limited principally to transferring several long RAM instensive programs to the WOM in order to further compress my extensive library, I do feel confident that as I gain more familiarity with the WOM system and it's inherent benefits, I will be better able to recommend it's use without reservation. For those of you interested in receiving further detailed information regarding the procurement of a WOM system, please feel free to contact Prof. Axson at his QTH in Cintra.

(*LRL - lil red led)(*DED - dark emitting diode)... Windows (Microsoft©)..Bib:Ed:128 DigDiasis, Raud, F. ExCrpt: Whistle, B.G. dtd 1977... Amend: Ver: 644 Pg. 8d 1976 Reproduction by written permission only.

FREE CALENDAR

For the 20th year, *FLORIDA SKIP* is sending to it's members a Ham Shack Size calendar. The one shown here is in four colors, actual size. If you would like one, send us a Self Addressed Stamped Envelope (SASE) any size. Send it with your Renewal payment or any HAMBAR ad. We give one day service. They are Free, but donations are accepted. Editor.

NOTICE SNOW BIRDS...

PLEASE — when you FLY North or South, or any other place, please let us know at least 2 to 3 weeks in advance. When you move without advising us, the Post Office returns your SKIP and it costs us 35 cents for each issue. It used to be 15 cents, but they increased it over 100 percent. *Please help us do a better job for you... Thanks!! Editor.*